



Full-Service Injection Molding & Contract Manufacturing

## Our in-house advantage is *your* advantage

- Product Development & Engineering
- Tooling Design & Build
- Plastic & Silicone Injection Molding
- Secondary operations, full assemblies
- Custom Validation & Qualification Packages
- Kitting, Packaging & Distribution Services

## The Best in **Quality and Service!**

MME is a full-service medical injection molder and contract manufacturer. Our vertically integrated advantage is your advantage; we offer in-house tooling, custom plastic and silicone injection molding, secondary operations, high-level assembly, packaging, inventory management and distribution, all from our two locations in St. Paul, MN.

We serve the medical, highly regulated and consumer industries.



[www.mmegroupinc.com](http://www.mmegroupinc.com)  
[sales@mmegroupinc.com](mailto:sales@mmegroupinc.com)  
651-482-8118

**ISO 13485 - FDA - ITAR**

# Our in-house advantage is *your* advantage

## Contract Manufacturing Deliverables

- Full turn-key solutions from product development to production to distribution
- FDA certified cleanroom molding and assembly
- Top-level IQ, OQ, PQ validations for all molding & assembly
- Contract pricing with target cost-downs negotiated upfront and driven by Lean manufacturing
- Full supply chain management by means of ISO 13485
- Full inline testing, validation and labeling services
- Packaging solutions
- Inventory of supplier-owned materials and Kanban agreements
- Flexible project plans to suit client needs

## Quality Management Services

- FDA certified locations
- ISO 13485:2016
- ITAR
- IQ/OQ/PQ experts
- Full quality labs onsite at each location
- FAI & CPK
- Gage R&R
- Lot tracibility
- Melt flow testing
- Moisture analyzing

## In-House Tooling

- Tooling engineers
- Plastic injection molds
- Silicone injection molds
- Prototype, bridge-to-production, & production molds
- Hot and cold runner
- Fixture design and build
- Robotic end-of-arm
- Build thixo and diecast tooling, local partners to produce parts
- Metal stamping and trim dies
- Experts in tool transfer programs
- Can outsource and manage international tooling partners for additional capacity as needed

## Molding

- Medical injection molding
- Clean room molding - plastic and silicone
- 10 to 750 ton plastic injection presses
- 50 to 180 ton silicone injection
- Two-shot molding - rotary and inline
- Overmolding
- Shuttle molding
- 24/7 molding and assembly operations at two locations

## Assembly and Secondary Operations

- Advanced and complex mechanical and electrical assembly
- ESD protection including shielding applications
- Clean room assembly - class 100 to class 100,000
- Assembly cells incorporated with molding presses
- Sterilization management
- Custom machining services
- Full secondary applications including:
  - pad printing
  - laser etching
  - heat staking
  - sonic welding
  - annealing
  - cryogenic deburring and deflashing
  - painting services
  - pressure and vacuum testing
  - automated screwing systems
  - mechanical assembly
- Effective procurement and supply chain management



Medical Devices



Government



Consumer

100,000+ sq. ft. production & assembly capacity  
35,000 sq. ft. clean room capacity  
Vertically integrated  
FDA, ISO 13485, ITAR

www.mmegroupinc.com  
sales@mmegroupinc.com  
651-482-8118

**ISO 13485 - FDA - ITAR**